DOCUMENT RESUME

ED 245 596 HE 017 320

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TITLE Comparisons of Degree Output for Selected Groups of University System of Georgia Institutions. Institutional Research Report No. 84-14.
PUB DATE May 84
NOTE 17p.; Paper presented at the Annual Meeting of the American Educational Research Association (68th, New Orleans, LA, April 23-27, 1984).
PUB TYPE Reports - Research/Technical (143) -- Speeches/Conference Papers (150)

EDRS PRICE MF01/PC01 Plus Postage.
DESCRIPTORS Black Colleges; *Degrees (Academic); Higher Education; *State Surveys; *State Universities; Trend Analysis; Two Year Colleges
IDENTIFIERS *Georgia

ABSTRACT

The productivity of selected Georgia state universities is compared as measured by total degrees conferred for fiscal years 1974-1983. The number of degrees conferred in the university system has been stable over the 10-year period, but trends can be seen for groups of institutions within the system. Degree output by the universities and senior colleges has been relatively stable, with the senior colleges showing slightly more variation. The number of degrees conferred by traditionally black colleges has declined sharply. Degree output from junior colleges appears to fluctuate, with output from the larger southern junior colleges showing more stability than output from junior colleges in the northern region of the state. Graphs illustrate the trends. In addition, data are provided on total degrees for each year by institution. (SW)

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Comparisons of Degree Output for Selected Groups of University System of Georgia Institutions

Institutional Research Report No. 84-14

by

Carol A. Hand

U.S. DEPARTMENT OF EDUCATION
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HE 017 320

Office of Institutional Planning
Georgia State University
May, 1984

ABSTRACT

The total number of degrees conferred in the University System has been relatively stable over the ten year period (FY74 - FY 83), but trends can be seen for types of institutions within the System. Degree output by the universities and senior colleges has been generally stable, with the senior colleges showing greater variability. The number of degrees conferred by traditionally black colleges has declined rather sharply. Degree output from junior colleges appears to fluctuate, with output from the larger junior colleges in the southern part of the state showing more stability than output from junior colleges in the northern region of the state.

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Comparisons of Degree Output for Selected Groups of University System of Georgia Institutions

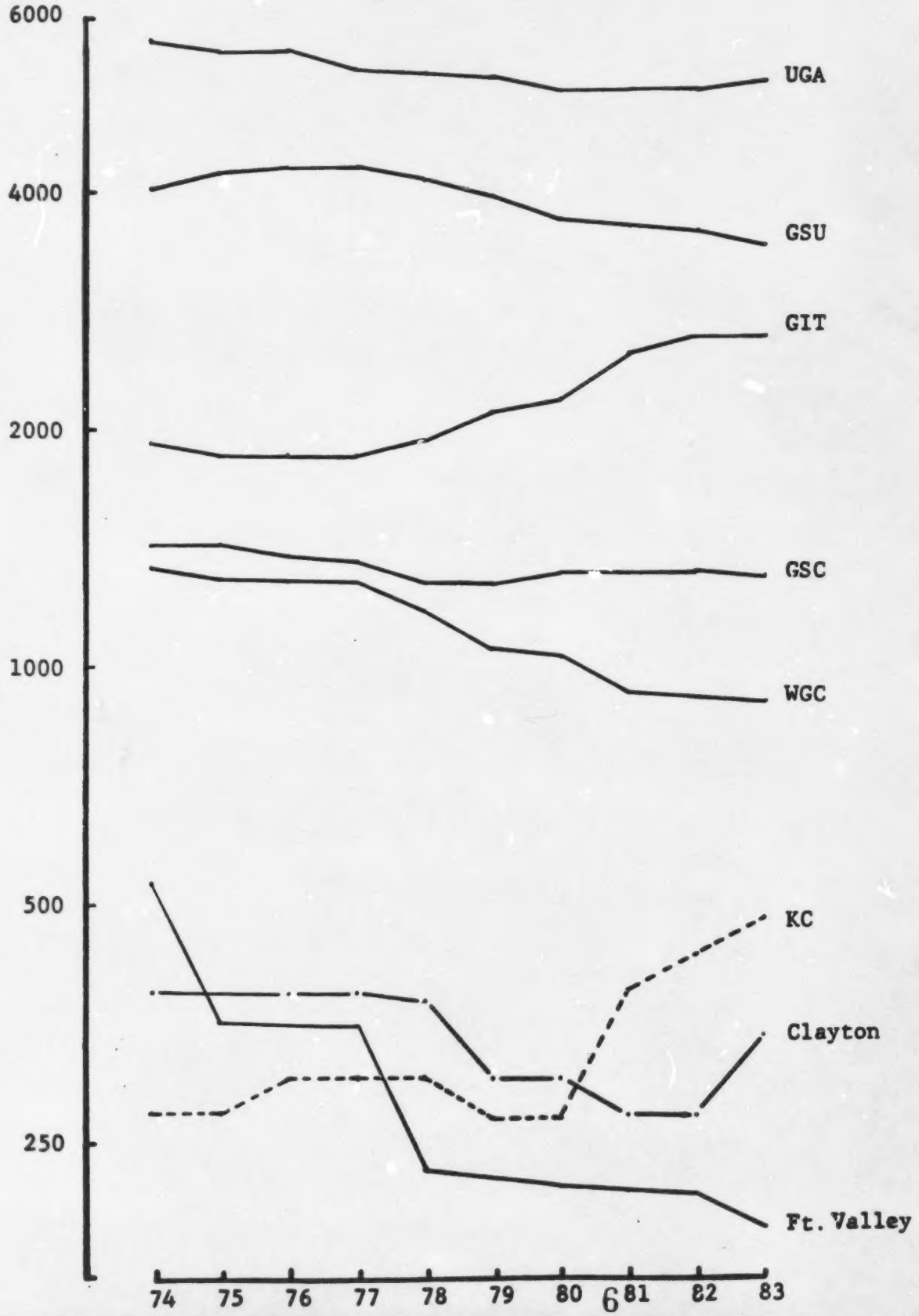
The number of degrees conferred each year is an important indicator of the productivity of a college or university. While the total number of degrees conferred in the University System has remained stable over the last ten years, other trends can be found for certain groups of institutions within the University System. The purpose of this report is to compare the productivity of selected System institutions as measured by total degrees conferred for the fiscal years 1974-1983.

The source of data is a report prepared by Schwarzmueller (1984) which provides an analysis of degrees conferred for the University System of Georgia. A table from the Schwarzmueller report giving the numbers of total degrees conferred by each System institution for fiscal years FY74 to FY83 can be found in the appendix.

RESULTS

Figure 1 presents in graphic form trends in total degrees conferred for selected System institutions. A technique described by Tukey (1977) was used to smooth the data and provide a clearer overview of trends in the data. It can be seen from Figure 1 that the number of degrees conferred at both University of Georgia (UGA) and Georgia State University (GSU) has slightly decreased over the ten year period. However, UGA had a slight increasing trend in degree output from FY81 to FY83, while degree output at GSU continued in a downward trend.

Figure 1
Trends in Total Degrees of Selected Institutions
of the University System of Georgia
FY74 - FY83



Georgia Institute of Technology (GIT) has had a marked increase in degrees conferred form FY77 to FY83. Output from Georgia Southern College (GSC) has remained stable, after a slight decrease from FY77 to FY78. West Georgia College (WGC) showed a large decline from FY77 to FY80, with a smaller decline after FY80.

Three smaller colleges had interesting trends in number of degrees conferred. For Kennesaw College (KC), the numbers remained relatively constant until 1980, after which there was a dramatic upward trend. This increase can be attributed to KC's change in 1980 from a junior college to a four year college. At Clayton Junior College, degree output was stable from FY74 to FY78, decreased until FY82, and increased in FY83. Degrees conferred by Fort Valley State College dropped sharply until FY78, then continued to decline gradually.

Total degrees conferred by universities in the System are presented in graphic form in Figure A-1. As was seen in Figure 1, figures for UGA and GSU have remained relatively stable, while increases can be seen for GIT. At Medical College of Georgia (MCG) degree output rose sharply until FY76, but declined until FY82. A slight increase can be seen for FY83.

Figure A-2 shows degree output for northern senior colleges in the University System of Georgia. These are WGC, Columbus College, KC, Southern Technical Institute (STI), Augusta College, and North Georgia College (NGC).

Degree output by these colleges generally increased until FY73, decreased slightly, and then stabilized.

Total degrees conferred by southern senior colleges in the System are graphed in Figure A-3. Output from GSC and Valdosta State College has been relatively stable, while declines in degree output can be seen for Georgia Southwestern College (GSWC) and Armstrong State College.

Degree output by traditionally black senior colleges is presented in Figure A-4. Sharp declines can be seen for Fort Valley State College and Savannah State College, while output from Albany State College has increased moderately from FY81 to FY83.

Figure A-5 shows total degrees conferred by junior colleges in the north Georgia region of the University System. As can be seen, these data are characterized by erratic increases and decreases, making an overall trend difficult to discern. However, declines for several colleges can be seen until FY81 and FY82. All institutions except Floyd Junior College showed an increase from FY82 to FY83.

Total degrees conferred by junior colleges in the southern regions of the state are presented in Figure A-6. For the five larger institutions, degree output has been relatively stable, with declines occurring in FY78 for all colleges except Abraham Baldwin Agricultural College (ABAC). For the three smaller junior colleges in the southern region, degree output has stabilized around 50 to 60 degrees conferred each year.

CONCLUSIONS

The total number of degrees conferred in the University System has been stable over the ten year period, but trends can be seen for groups of institutions within the System. Degree output by the universities and senior colleges has been relatively stable, with the senior colleges showing slightly more variation. The number of degrees conferred by traditionally black colleges has declined rather sharply. Degree output from junior colleges appears to fluctuate, with output from the larger southern junior colleges showing more stability than output from junior colleges in the north.

REFERENCES

Schwarzmueller, E.B. (1984). Analysis of degrees conferred - University System of Georgia. Atlanta: Board of Regents of the University System of Georgia.

Tukey, J.W. (1977). Exploratory data analysis. Reading, MA: Addison-Wesley Publishing Company.

Figure A - 1

Total Degrees Conferred by Universities
in the University System of Georgia
FY 74 - FY 83

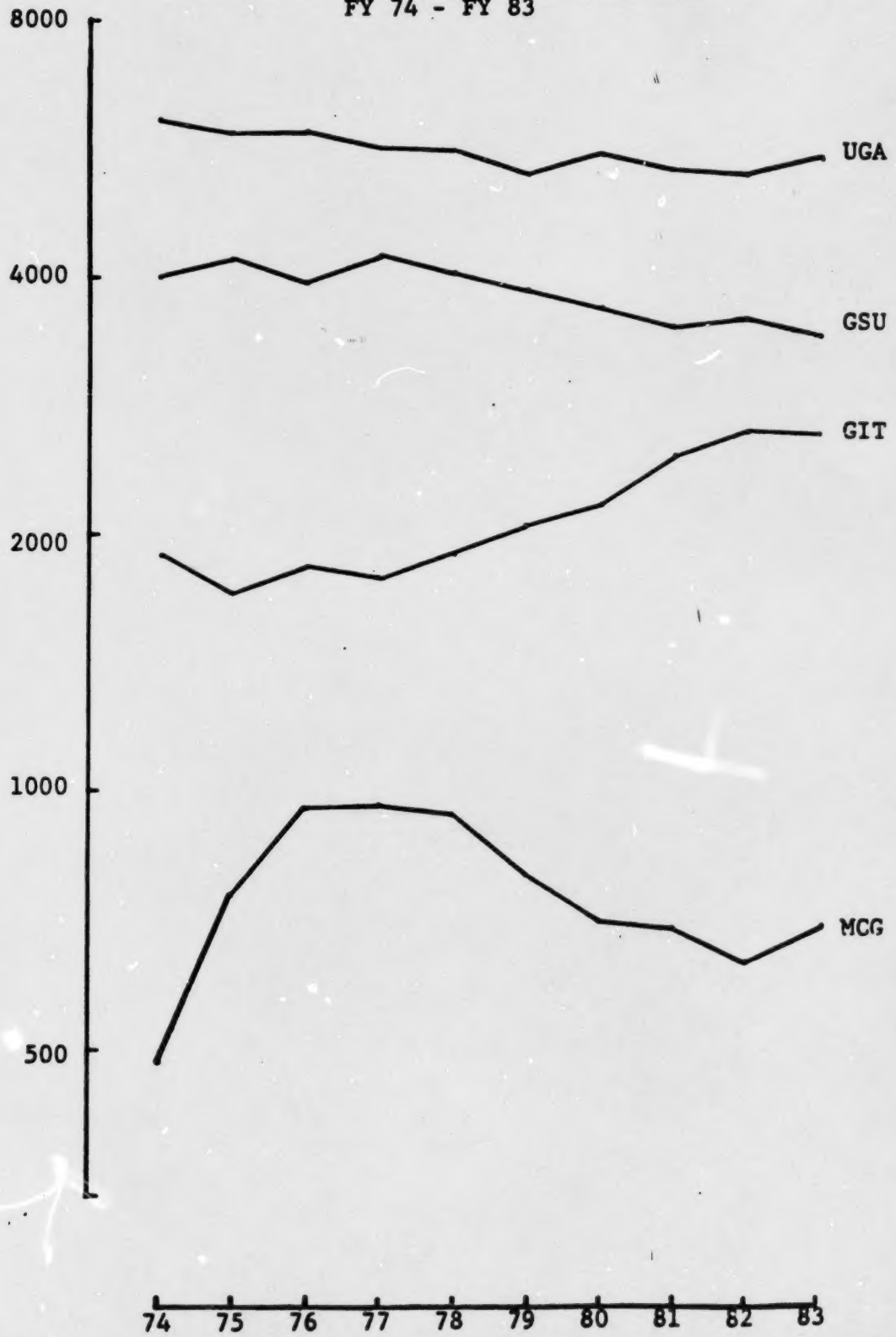


Figure A - 2

Total Degrees Conferred by North Senior Colleges
of the University System of Georgia
FY74 - FY83

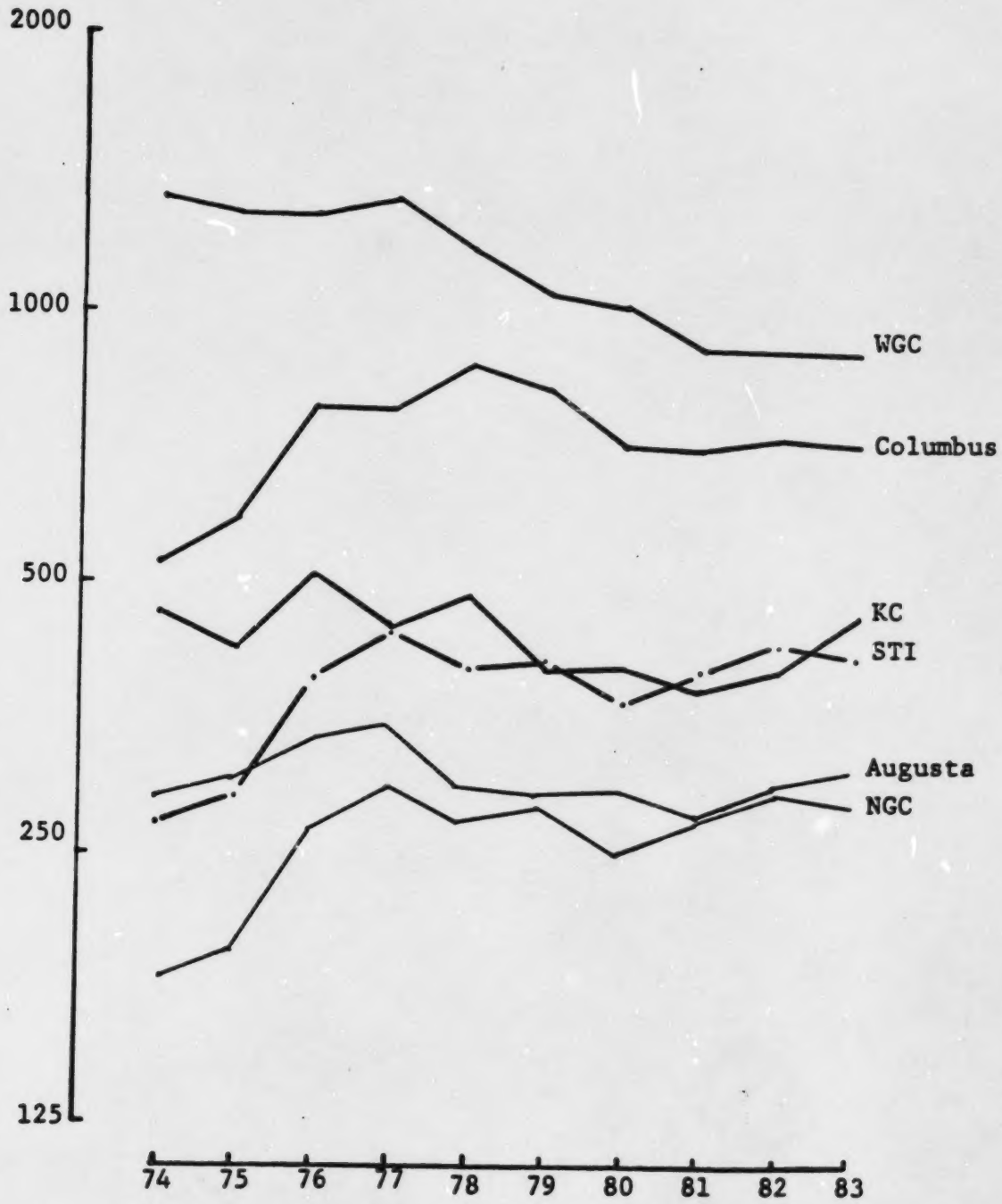


Figure A - 3

Total Degrees Conferred by South Senior Colleges
of the University System of Georgia
FY74 - FY83

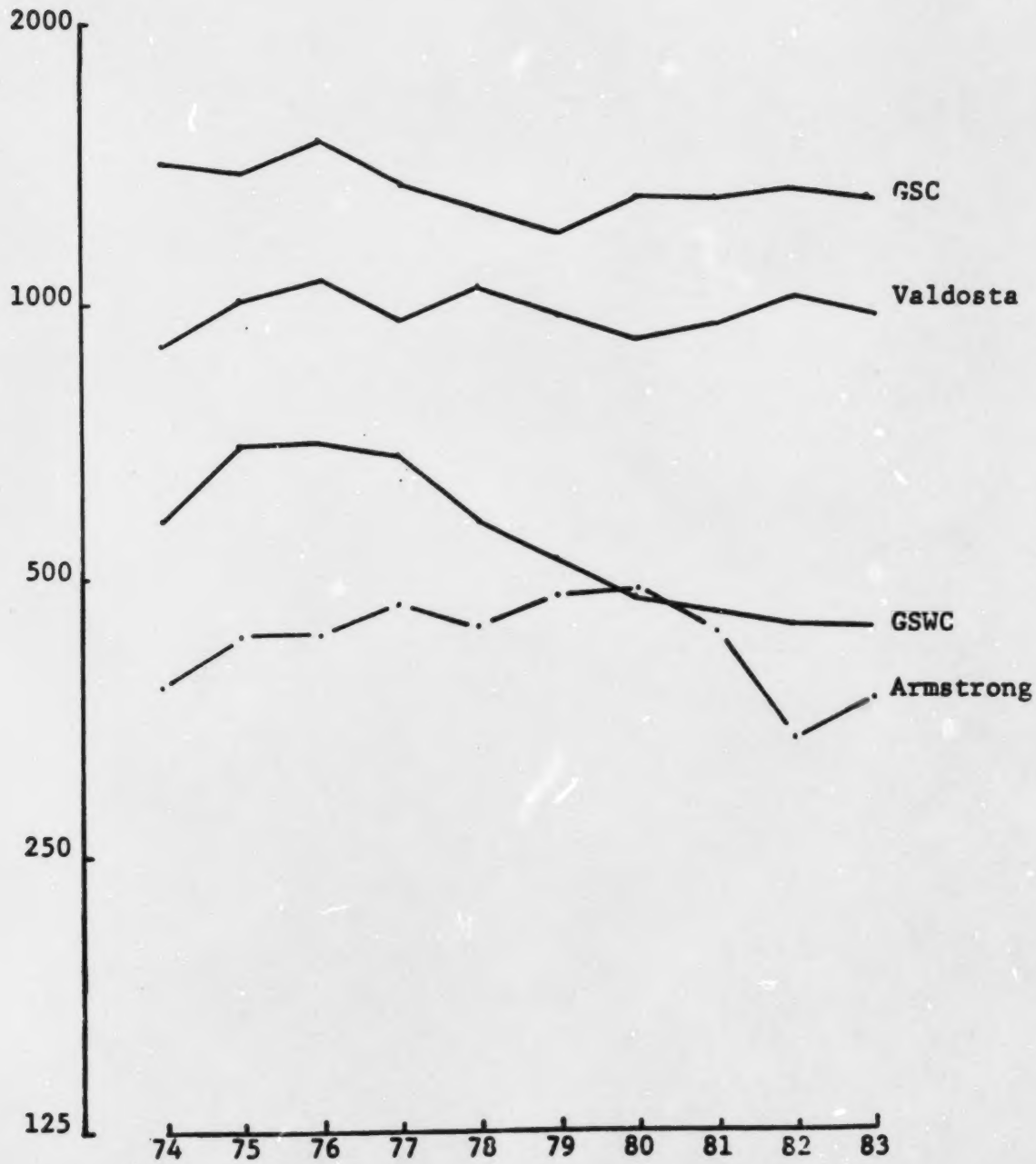


Figure A - 4

Total Degrees Conferred by Traditionally Black Senior Colleges
of the University System of Georgia
FY74 - FY83

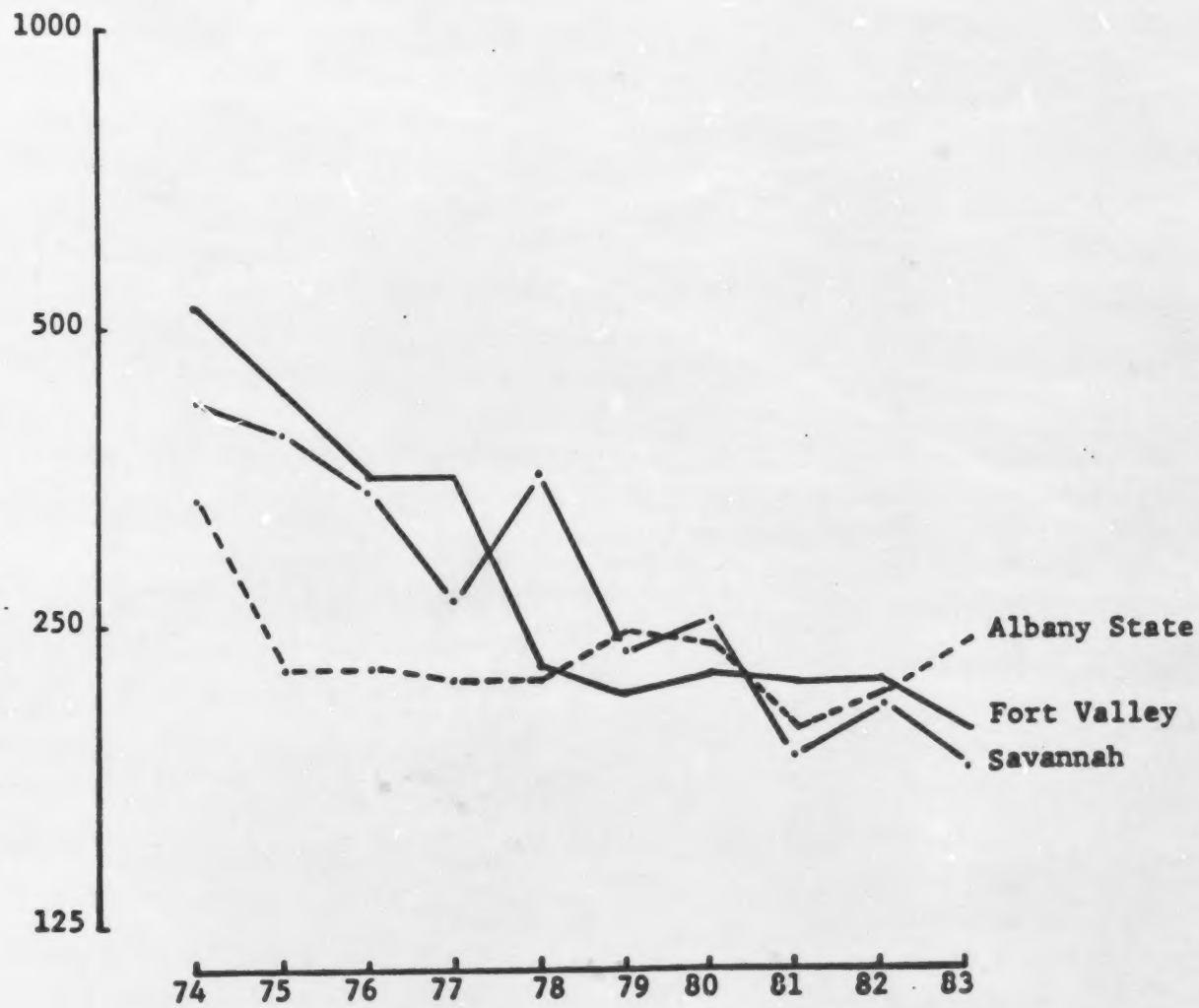


Figure A - 5
Total Degrees Conferred by Junior Colleges
in North Georgia Region of University System of Georgia
FY74 - FY83

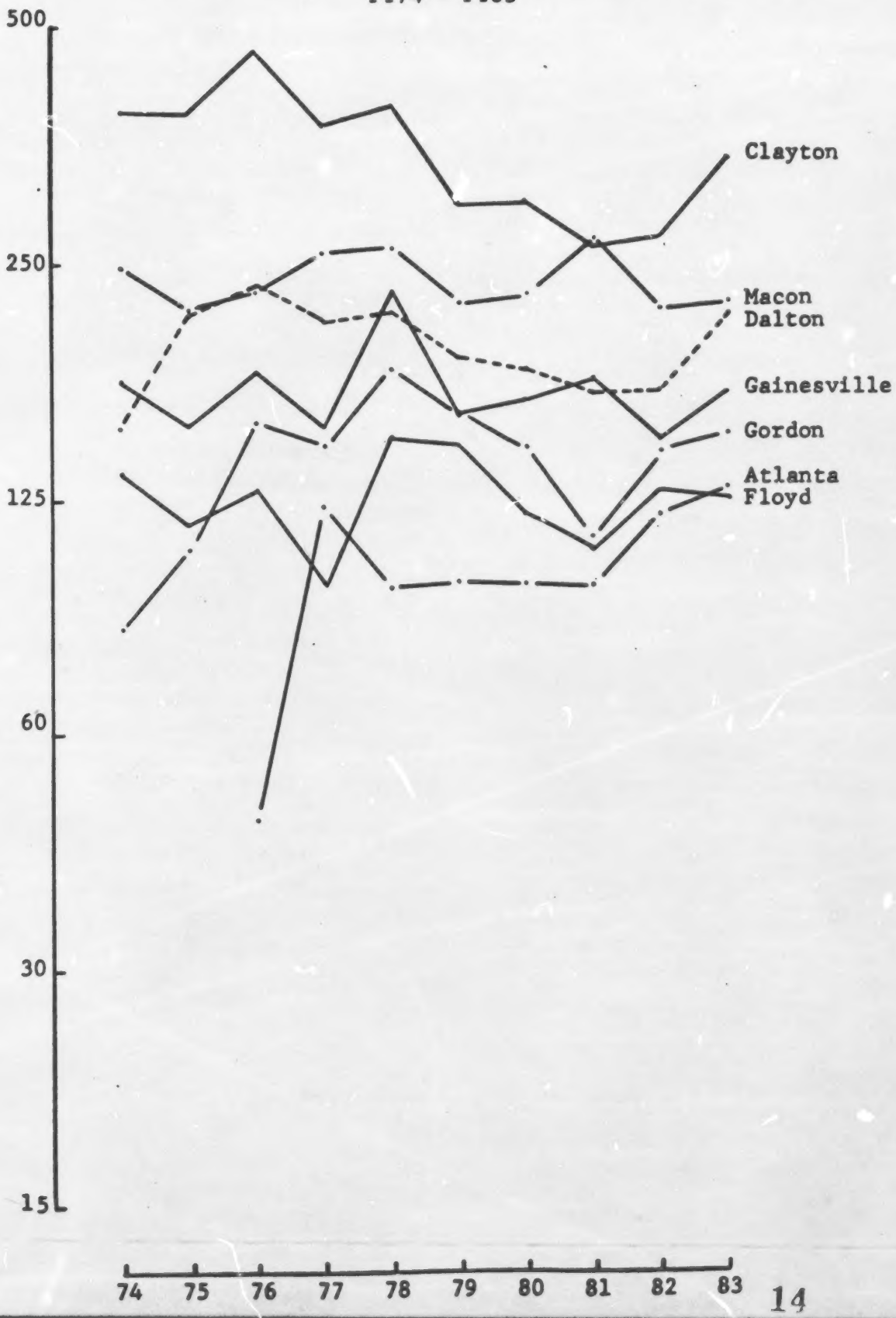
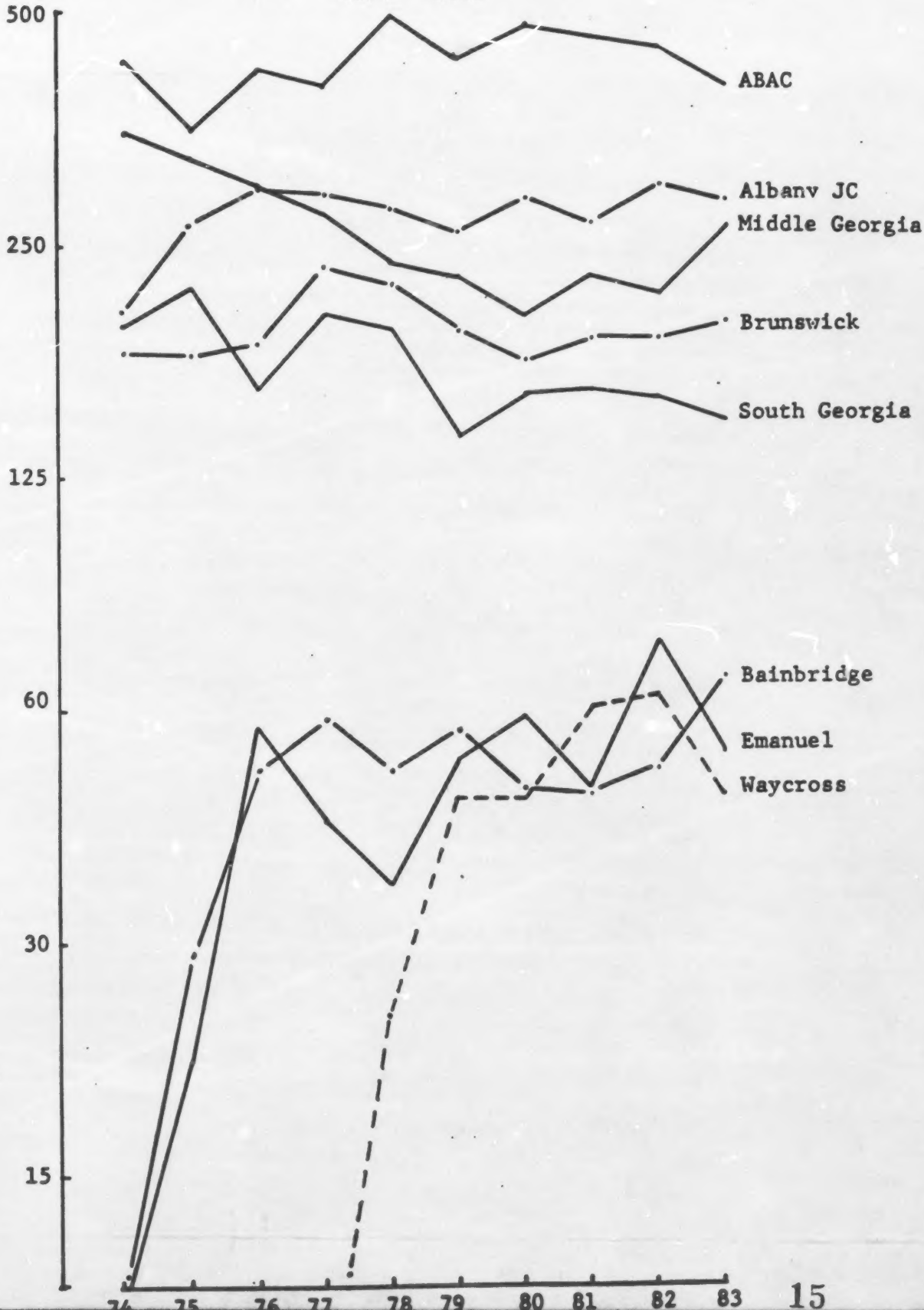


Figure A - 6
Total Degrees Conferred by Junior Colleges
in Southern Georgia Regions of University System of Georgia
FY74 - FY83



APPENDIX B

TOTAL DEGREES CONFERRED BY INSTITUTION
UNIVERSITY SYSTEM OF GEORGIA
FY74-FY83

	FY74	FY75	FY76	FY77	FY78	FY79	FY80	FY81	FY82	FY83	% Change*
Georgia Institute of Technology	1,926	1,733	1,845	1,799	1,936	2,079	2,190	2,496	2,682	2,630	36.6
Georgia State University	4,067	4,286	4,403	4,316	4,130	3,973	3,716	3,596	3,637	3,482	(14.4)
Medical College of Georgia	482	751	955	963	939	801	694	678	625	690	43.2
University of Georgia	6.331	6.088	6.085	5.837	5,796	5,418	5.658	5,439	5,379	5,624	(11.2)
Albany State College	331	222	223	215	218	240	233	194	206	236	(28.7)
Armstrong State College	373	429	433	463	441	469	484	433	330	365	(2.1)
Augusta College	422	442	489	504	435	425	430	403	432	450	6.6
Columbus College	520	589	779	786	877	818	709	697	727	720	38.5
Fort Valley State College	522	431	345	349	223	209	219	213	215	191	(63.4)
Georgia College	633	726	922	944	891	781	746	736	753	760	20.1
Georgia Southern College	1,416	1,373	1,493	1,343	1,256	1,199	1,309	1,307	1,329	1,289	(9.0)
Georgia Southwestern College	562	691	705	673	571	525	480	454	438	434	(22.8)
Kennesaw College	269	268	307	297	323	208	263	420	380	474	76.2
North Georgia College	268	284	384	435	396	405	363	399	429	412	53.7
Savannah State College	420	387	335	264	344	230	249	181	203	177	(57.9)
Southern Technical Institute	458	422	503	443	481	399	401	377	394	456	0.4
Valdosta State College	890	998	1,062	965	1,028	963	906	941	1,007	967	8.7
West Georgia College	1,328	1,281	1,276	1,331	1,165	1,040	1,010	905	899	891	(32.9)
Abraham Baldwin Agric. College	430	345	412	395	490	433	467	459	436	397	(7.7)
Albany Junior College	200	261	289	285	271	252	278	262	294	278	39.0
Atlanta Junior College			44	120	93	95	95	95	118	126	
Bainbridge Junior College	2	29	50	59	50	56	48	47	50	67	
Brunswick Junior College	178	177	181	228	216	188	173	184	184	195	9.6
Clayton Junior College	381	380	464	369	393	297	297	260	266	334	(12.3)
Dalton Junior College	151	209	230	205	213	186	180	167	168	214	41.7
Emanuel County Junior College	3	21	56	43	36	52	60	48	74	53	
Floyd Junior College	131	113	124	94	146	143	117	106	125	122	(6.9)
Gainesville Junior College	174	152	178	153	223	158	164	173	146	169	(2.9)
Gordon Junior College	82	105	154	144	180	158	144	109	142	148	80.5
Macon Junior College	241	214	229	254	258	242	248	265	217	220	(8.7)
Middle Georgia College	346	319	293	268	231	221	198	223	212	260	(24.9)
South Georgia College	195	215	157	198	188	135	156	159	156	144	(26.2)
Waycross Junior College			0	8	24	47	47	61	63	47	

*% Change over the 10 year period

Source: University System Annual Reports